

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001584

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/28, H04L 12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20030078064 A1 (CHAN, V H), 24 April 2003 (24.04.2003), paragraphs [0011]-[0012]; [0020]-[0021]; [0028]-[0031], abstract --	1-23
A	US 20020077136 A1 (MAGGENTI, M ET AL), 20 June 2002 (20.06.2002), summary section and abstract -----	1-23

 Further documents are listed in the continuation of Box C. See patent family annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

15 -02- 2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

31/12/2004

International application No.

PCT/SE 2004/001584

US	20030078064	A1	24/04/2003	CA	2464114 A	01/05/2003
				EP	1438788 A	21/07/2004
				WO	03036801 A	01/05/2003
-----	-----	-----	-----	-----	-----	-----
US	20020077136	A1	20/06/2002	AU	4000501 A	17/09/2001
				BR	0108901 A	07/01/2003
				CA	2401106 A	13/09/2001
				CN	1428058 T	02/07/2003
				EP	1260108 A	27/11/2002
				JP	2003526275 T	02/09/2003
				TW	563305 B	00/00/0000
				US	20020037735 A	28/03/2002
				US	20020052214 A	02/05/2002
				US	20020055366 A	09/05/2002
				US	20020058523 A	16/05/2002
				US	20020061759 A	23/05/2002
				US	20020061760 A	23/05/2002
				US	20020061761 A	23/05/2002
				US	20020061762 A	23/05/2002
				US	20020068595 A	06/06/2002
				US	20020086665 A	04/07/2002
				US	20020094831 A	18/07/2002
				US	20040179689 A	16/09/2004
				WO	0167674 A	13/09/2001